Touchless Forehead Thermometer

Model TFT-001

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Safety Precautions

READ THIS USER MANUAL CAREFULLY BEFORE USING THIS DEVICE

* This device must only be used for the purpose described in this user manual

* This device must be used within its operational temperature range (10 - 40 °C / 50 -104 °F)

* This device must always be kept and operated in a clean and dry environment

* DO NOT expose this device to electric shocks

* DO NOT expose this device to extreme temperature conditions (greater than 50 °C / 122 °F or less than -20 °C / -4 °F)

* DO NOT expose this device to an environment with non-condensing humidity higher than 85%

* DO NOT touch the protective glass of the infrared lens with your fingers or any hard object

* DO NOT expose this device under direct sunlight

* DO NOT submerge this device under water

* DO NOT drop this device as the impact will damage its high quality precision sensors

* DO NOT attempt to open, repair or calibrate this device

Sante4Life Touchless Forehead Thermometer

The ***Sante4Life*** *Touchless Forehead Thermometer* utilizes the latest advanced infrared technology and is tested in accordance with international standards. It scans temperature and displays results in less than one second.

The thermometer scans infrared heat waves released by the temporal artery, which runs across the forehead just below the skin, to determine body temperature. The thermometer does not touch the forehead: it scans at a distance of about 3-5 centimetres or 1.2-2 inches away from the forehead. The thermometer does not require disposable parts because of the non-contact technology.

With one-click scanning, this non-invasive method of scanning temperature is suitable for all ages. It is equipped with many features:

* Large backlit LCD display
* Memory feature to save up to 32 scans
* Audio alarm indicating the end of the temperature scan
* Temperatures scale displayed in either Fahrenheit or Celsius
* Automatic shut-off

The ***Sante4Life*** *Touchless Forehead Thermometer* offers safe, fast and hygienic scanning. It is accurate, environmentally friendly, easy to use, and also comes with limited lifetime warranty.

Body Temperature

Body temperature taken from different sites of the body varies throughout the day. It is also influenced by other factors such as age, sex, gender, and skin tone. If in doubt, seek medical advice from your physician and mention the temperature taken from the forehead. The following tables provide the normal temperature range for sites and age.

Temperature from different sites should not be directly compared.

Normal temperature ranges by site:

Site	*Celsius (°C)*	*Fahrenheit (°F)*
Auxiliary	34.7 – 37.3	94.5 – 99.1
Oral	35.5 – 37.5	95.9 – 99.5
Rectal	36.6 – 38.0	97.9 – 100.4
Tympanic	35.8 – 38.0	96.4 – 100.4
Temporal (Sante4Life)	35.8 – 37.8	96.4 – 100.0

Normal temperature according to age:

Age	*Celsius (°C)*	*Fahrenheit (°F)*
0-2	36.4 – 38.0	97.5 – 100.4
3-10	36.1 – 37.8	97.0 – 100.0
11-65	35.9 – 37.6	96.6 – 99.7
> 65	35.8 – 37.5	96.4 – 99.5

Note:

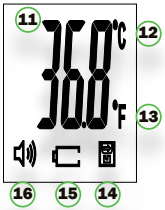
* As a person grows older, his or her normal temperature range tends to decrease.

* Take consideration of physiological variations when evaluating the results: body temperature increases by 0.5 °C / 0.9 °F between 6 a.m. and 3 p.m.

* Women, on average, have higher temperatures of around 0.2 °C / 0.36 °F. Their temperature also varies in accordance with their ovarian cycle. It rises by 0.5 °C / 0.9 °F in the second half of the cycle and in the early stages of pregnancy.

* Scanning body temperature in a sitting position versus a standing position could result in temperatures lowered by as much as 0.3-0.4 °C / 0.54-0.72 °F.

Product Description



1	Infrared sensor protective glass	9	Speaker
2	Large LCD display	10	Battery compartment
3	Memory recall buttons	11	Temperature
4	°C-°F selection button	12	Celsius indicator
5	Scan button	13	Fahrenheit indicator
6	Audio alarm button	14	Memory icon
7	Lable (Model No.)	15	Battery icon
8	Serial number	16	Sound icon

Using the S4L Touchless Forehead Thermometer

1. Push back hair and wipe away any perspiration or cosmetics from forehead
2. Avoid any drafts in the area (e.g. from nasal specs, air conditioning, hot air flow, etc.)
3. Position the thermometer in front of the forehead over the temporal site, from a distance of about 3-5 centimetres or 1.2-2 inches
4. Press the SCAN button and wait for the immediate beep sound
5. Read the temperature on the LCD display. The scanned temperature is saved in the device memory (up to 32 scans)

The LCD display automatically shuts off after 5 seconds.

Caution:

* The reliability of the scan may not be accurate if the temperature is taken from another part of the body (e.g. arm, torso, etc.)

* When there is a significant or sudden change in the ambient temperature, this device may take up to 20 minutes to acclimatize to the new ambient temperature.

* It is recommended to have a one minute interval between scans.

* After replacing the batteries, wait 10 minutes before use.

* High, prolonged fever requires medical attention, especially in young children. Contact your physician should this occur.

* Temperature scans must not be taken after vigorous physical activity, such as immediately after exercise or bathing, and the room temperature must be moderate.

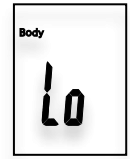
* Health Canada issued an advisory that the use of infrared thermometer in children under two years is not recomended. For older children infrared thermometers should not be used to manage important health concerns.

Key Features

Abnormal Body Temperature Alarms

For scanned body temperature over 42.9 °C or 109.2 °F, the LCD displays "Hi" with 5 audio beeps.

For scanned body temperature under 32°C or 89.6°F, the LCD displays "Lo" with 1 audio beep.



Audio Alarm

Pressing the side button of the thermometer can turn the audio alarm on or off. The audio alarm sounds once the temperature scanning is completed.

°C-°F Scale

Pressing the **°C/°F** button will change the temperature reading to Celsius and Fahrenheit as desired.

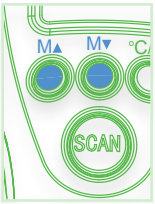
Automatic Shut-Off

The LCD display automatically shuts off after 5 seconds to save battery power.

Memory Recall

The thermometer comes with a memory capacity able to store up to 32 scanned temperatures. Once the memory is full, the memory will automatically cycle.

Pressing **M▼** button displays the most recent stored temperature. Pressing it again will display the second most recent scanned temperature, and so on.



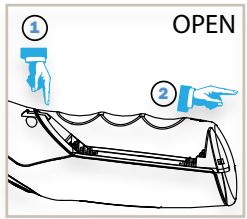
Pressing **M▲** button displays the earliest or first stored temperature. Pressing it again will display the second stored temperature, and so on.

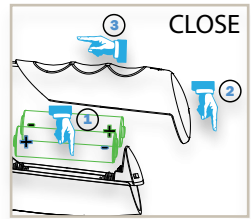
Battery Replacement

If LCD displays the low battery icon, or there is no response or display on the LCD, the battery must be replaced:

1. Open the battery cover at the bottom of the thermometer
2. Remove the old batteries for disposal
3. Replace with 2 new AA alkaline batteries
4. Slide battery cover back until it snaps in place

Wait 10 minutes before using thermometer





Note:

* The thermometer comes with two AA alkaline batteries.

* Use new single usage AA alkaline batteries only. Do not use re-chargeable batteries.

* Remove the batteries when thermometer is not used for an extended period of time.

* To protect the environment, dispose of used batteries at appropriate collection sites according to national or local regulations.

Care and Cleaning

The protective glass is the most fragile part of the thermometer, and great care must be taken when cleaning the glass. With normal use, it is not required to be clean regularly unless it is contaminated by touching or spilling. If this is the case, following the cleaning procedure:

* Very gently wipe the glass with cotton cloth or swab, moistened with alcohol (95% isopropyl)

* Use a soft, dry cloth to clean the thermometer display and exterior. Do not use abrasive cleansers. Never submerge the thermometer in water or any other liquid

* Store the thermometer in a dry location free from dust and contamination and away from direct sunlight

Limited Lifetime Warranty

Sante4Life (***S4L***) warrants this product to be free from defects in workmanship and material, under normal household use, for the life of the original owner. A purchase receipt or other proof of date of original purchase is required before warranty service is performed. *S4L*'s obligation under this warranty is limited to replacing or repairing, at *S4L*'s option, the product through its service center.

This warranty does not cover normal wear of parts or damage resulting from a negligent use or misuse of the product, use contrary to the operating instructions, failure to provide reasonable and necessary maintenance, or disassembly, repair or alteration the product. Further, the warranty does not cover damage resulting from Acts of God, such as fire, flood, hurricanes and tornadoes. For warranty service, S4L is not responsible for shipping cost and there is a handling charge for replacement. Please visit *S4L* website for more details.

Limitation and Exclusions

To the extent permitted by applicable law, the liability of S4L, if any, for any allegedly defective product or part shall be limited to repair or replacement of the product or part and shall not exceed the purchase price of a comparable replacement product or part. THE PROVISIONS OF THIS WARRANTY ARE YOUR SOLE AND EXCLUSIVE REMEDY WITH RESPECT TO THE PRODUCT(S) COVERED BY THIS WARRANTY. ALL IMPLIED WARRANTIES WITH RESPECT TO THE PRODUCTS(S) INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY EXCLUDED.

S4L is not responsible or liable for indirect, special or consequential damages arising out of or in connection with the use or perform-

ance of the product or damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of enjoyment or use, costs of removal, installation or other consequential damages of whatsoever nature. Some provinces/states do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, the above limitation may not apply to you.

Warranty Service

If you have any question regarding this warranty or would like to obtain warranty service, please following these steps:

1. Consult with the store that you purchased your product
2. Visit our website to obtain more information of the product: *http://www.sante4life.com*
3. Email our technical support team at *techsupport@sante4life.com* or write a letter explaining the problem with the following information - your name, address, contact telephone number, email address, and a copy of the original receipt
4. Call us on our toll free number 1 (866) 336-4169 or 1 (905) 267-2384 (Greater Toronto Area)

You the buyer may have other rights and remedies under your state's or province's applicable laws, which are in addition to any right or remedy may be available under this limited warranty.

Technical Specifications

Display Range		
Body	32.0 - 42.9 °C	89.6 - 109.2 °F
Display resolution	0.1 °C	0.1 °F
Precision		
32.0 - 35.9 °C 89.6 - 96.7 °F	±0.3 °C	± 0.6 °F
36.0 - 39.0 °C 96.8 -102.2 °F	±0.2 °C	± 0.4 °F
39.1 - 42.9 °C 102.4 -109.2 °F	±0.3 °C	± 0.6 °F
Operating ambient temperature range	10 - 40 °C	50 - 104 °F
Scan distance	3 - 5 cm	1.2 - 2.0 in.
Functional		
Auto Power Off	5 seconds	
Scanning Completion Alarm	1 beep	
High Body Temperature Alarm	5 beeps	
Low Body Temperature Alarm	1 beep	
Power		
Battery	2 AA batteries	
Range	3V DC	
Consumption	< 150mW	

Physical		
Size (L x W x H)	175 x 50 x 52 mm	6.9 x 2.0 x 2.0 in.
Weight (with batteries)	148 g	5.2 oz
Weight (without batteries)	100 g	3.5 oz
International standards (Certified or Approved)	• ISO 13485:2003 CMDCAS • CE • ASTM Standard 1965-1998 (2009) • IEC60601-1-2 (EMC) • EN60601-1 (Safety)	

Ownership Registration

Please register online at:

http://sante4life.com/register/

The registration will enable ***Sante4Life*** to inform you in the unlikely event of a product safety notification, to update you with additional product information, and to provide a warranty service. By registering online, you acknowledge that you have read and understood the instructions for use, and warnings set forth in the accompanying instructions.

To register, you need:

* Serial number of your thermometer
* Model number
* The store name where you purchased the thermometer
* Your name, address, e-mail address, and contact phone number(s)
* Date of purchase